

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|-----------------|------------------|---------|------------------|
| S1    | 3     | ("4845464"   "5552763"   "6377179").PN.                                       | US-PGPUB; USPAT | OR               | ON      | 2008/01/14 09:15 |
| S2    | 1195  | 340/540.ccls.   | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 12:27 |
| S3    | 16150 | (alarm or monitor\$4) and sensor and (accelerometer or (silicon adj crystal)) | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 13:46 |
| S4    | 5942  | S3 and wireless   | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 13:46 |
| S5    | 4943  | S4 and memory   | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 13:47 |
| S6    | 4123  | S5 and processor  | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 13:47 |
| S7    | 1015  | S6 and computer adj network   | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 13:47 |
| S8    | 759   | S7 and mobile   | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 13:48 |
| S9    | 341   | S8 and @ad<="20040205"  | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 13:48 |
| S10   | 50    | S9 and alarm  | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 15:48 |
| S11   | 2592  | 340/573.1.ccls.   | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 15:54 |
| S12   | 1     | "5552773".pn.   | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 16:30 |
| S13   | 1576  | S11 and alarm   | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 16:42 |
| S14   | 107   | S13 and accelerometer   | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 16:43 |
| S15   | 76    | S14 and wireless  | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 16:43 |
| S16   | 60    | S15 and computer  | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 16:44 |
| S17   | 56    | S16 and network   | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 16:44 |
| S18   | 35    | S10 and microphone  | US-PGPUB; USPAT | OR               | ON      | 2008/01/15 17:33 |
| S19   | 518   | alarm and accelerometer and microphone and (temperature adj sensor)           | US-PGPUB; USPAT | OR               | ON      | 2008/01/16 12:55 |

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|-----|-------|---|--------------------|----|----|---------------------|
| S20 | 68    | S19 and triaxial  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>12:56 |
| S21 | 13    | (accelerometer or (silicon adj<br>crystal)) Near4 microphone<br>near4 (temperature adj<br>sensor) | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:23 |
| S22 | 4     | S21 and alarm   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:24 |
| S23 | 217   | (accelerometer or (silicon adj<br>crystal)) same microphone<br>same (temperature adj sensor)      | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:27 |
| S25 | 117   | (triaxial adj accelerometer)<br>and alarm   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>14:52 |
| S26 | 48    | S25 and @ad<="20040205"   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>14:53 |
| S27 | 217   | accelerometer same<br>microphone same<br>(temperature adj sensor)                                 | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>16:10 |
| S28 | 173   | S27 and wireless  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>16:11 |
| S29 | 142   | S28 and (alarm or monitor)  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>16:11 |
| S30 | 85    | S29 and (portable or mobile)  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>16:11 |
| S31 | 82    | S30 and computer  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>16:12 |
| S32 | 3891  | alarm and accelerometer   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>16:36 |
| S33 | 12679 | alarm and microphone  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>16:37 |
| S34 | 15139 | alarm and temperature adj<br>sensor   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>16:37 |
| S35 | 518   | S32 and S33 and S34   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>16:37 |
| S36 | 437   | S35 and wireless  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>16:38 |
| S37 | 120   | S36 and mobile near5 phone  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>16:39 |
| S38 | 48071 | alarm and (preset or threshold<br>or predetermine or trigger)                                     | USPAT              | OR | ON | 2008/01/16<br>16:46 |
| S39 | 1389  | S38 and accelerometer   | USPAT              | OR | ON | 2008/01/16<br>16:46 |
| S40 | 3863  | S38 and microphone  | USPAT              | OR | ON | 2008/01/16<br>16:47 |
| S41 | 5510  | S38 and (temperature adj<br>sensor)   | USPAT              | OR | ON | 2008/01/16<br>16:47 |
| S42 | 115   | S39 and S40 and S41   | USPAT              | OR | ON | 2008/01/16<br>16:48 |

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|-----|----|---|--------------------|----|-----|---------------------|
| S43 | 1  | ("20050171410").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2008/01/16<br>17:01 |
| S44 | 1  | ("20040087839").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2008/01/16<br>17:25 |
| S45 | 1  | ("20050080566").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2008/01/16<br>18:05 |
| S46 | 41 | (US-20050151640-\$ or US-20050143671-\$ or US-20030163287-\$ or US-20020028704-\$ or US-20040087839-\$ or US-20030125890-\$ or US-20020184348-\$ or US-20020059467-\$ or US-20010044588-\$ or US-20020143290-\$ or US-20050080566-\$.did. or (US-6377179-\$ or US-5552763-\$ or US-4845464-\$ or US-6198390-\$ or US-6121888-\$ or US-6121875-\$ or US-6114967-\$ or US-6069560-\$ or US-6057761-\$ or US-6052053-\$ or US-6043751-\$ or US-6043741-\$ or US-6028515-\$ or US-6011467-\$ or US-5982291-\$ or US-5971597-\$ or US-5963130-\$ or US-5917433-\$ or US-5910771-\$ or US-7301451-\$ or US-6832251-\$ or US-6826607-\$ or US-6735630-\$ or US-5552773-\$ or US-7273454-\$ or US-7278966-\$.did. or (US-7263379-\$ or US-7126464-\$ or US-7107539-\$ or US-6992580-\$.did. | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/17<br>08:53 |
| S47 | 13 | S46 and microphone and accelerometer and temperature adj sensor and alarm and (preset or predetermine or threshold or exceed)   | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/17<br>08:55 |
| S48 | 5  | ((("20050080566") or ("7126464") or ("20030125890") or ("7263379") or ("20040087839")).PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2008/01/17<br>16:06 |
| S49 | 3  | ((("6459365") or ("5578988") or ("5963130")).PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2008/01/20<br>15:03 |
| S51 | 3  | alarm and S50   | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>10:49 |

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|-----|------|---|--------------------|----|-----|---------------------|
| S52 | 441  | (dual or multiple) adj<br>(monitoring or response) and<br>alarm                                   | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>10:59 |
| S53 | 309  | S52 and @ad<="20040205"   | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>11:00 |
| S54 | 7305 | (Condition same comparison)<br>and alarm  | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>11:24 |
| S55 | 2666 | S54 and trigger   | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>11:24 |
| S56 | 1836 | S55 and sensor  | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>11:25 |
| S57 | 1258 | S56 and @ad<="20040205"   | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>11:25 |
| S58 | 270  | S57 and "340".clas.   | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>11:25 |
| S59 | 27   | Plurality Near4 trigger Near4<br>alarm  | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>12:06 |
| S60 | 10   | (least adj two) Near7 trigger<br>Near4 alarm  | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>12:21 |
| S61 | 15   | (least adj two) Near7 activate<br>Near4 alarm   | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>12:33 |
| S62 | 24   | (plurality Near4 (sensor or<br>signal)) Near7 activate Near4<br>alarm                             | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>13:17 |
| S63 | 627  | (two or dual or multiple) Near5<br>(trigger or activate) Near5<br>(alarm or monitor or alert)     | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>13:32 |
| S64 | 269  | S63 and "340".clas.   | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>13:32 |
| S65 | 211  | S64 and @ad<="20040205"   | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>13:32 |
| S66 | 13   | (accelerometer or (silicon adj<br>crystal)) Near4 microphone<br>near4 (temperature adj<br>sensor) | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>13:58 |
| S67 | 217  | accelerometer same<br>microphone same<br>(temperature adj sensor)                                 | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>14:36 |
| S68 | 78   | S67 and @ad<="20040205"   | US-PGPUB;<br>USPAT | OR | ON  | 2008/01/22<br>14:37 |
| S69 | 1    | "20070188321".pn.   | US-PGPUB;<br>USPAT | OR | ON  | 2008/10/22<br>14:38 |
| S70 | 5524 | (sensor detector) same record<br>\$4 same normal  | US-PGPUB;<br>USPAT | OR | OFF | 2008/10/22<br>14:51 |
| S71 | 4588 | S70 and @ad<="20050207"   | US-PGPUB;<br>USPAT | OR | OFF | 2008/10/22<br>14:52 |
| S72 | 754  | S71 and (alarm buzz alert)  | US-PGPUB;<br>USPAT | OR | OFF | 2008/10/22<br>14:53 |

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|-----|------|---|-----------------|----|-----|------------------|
| S73 | 1547 | (personal with alarm) and record\$4   | US-PGPUB; USPAT | OR | OFF | 2008/10/22 15:49 |
| S74 | 839  | S73 and environment\$3  | US-PGPUB; USPAT | OR | OFF | 2008/10/22 15:50 |
| S75 | 576  | S74 and @ad<="20050207"   | US-PGPUB; USPAT | OR | OFF | 2008/10/22 15:51 |
| S76 | 375  | S75 and sensor  | US-PGPUB; USPAT | OR | OFF | 2008/10/22 16:05 |
| S77 | 100  | S76 and vibration   | US-PGPUB; USPAT | OR | OFF | 2008/10/22 16:05 |
| S80 | 1    | "20070188321".pn.   | US-PGPUB; USPAT | OR | ON  | 2008/10/23 14:26 |
| S81 | 0    | (accclerometer with (silicon adj crystal) with microphone with (temperature adj sensor))  | US-PGPUB; USPAT | OR | ON  | 2008/10/27 09:08 |
| S82 | 1    | "20070188321".pn.   | US-PGPUB; USPAT | OR | ON  | 2009/05/20 16:37 |
| S83 | 53   | (US-20050151640-\$ or US-20050143671-\$ or US-20030163287-\$ or US-20020028704-\$ or US-20040087839-\$ or US-20030125890-\$ or US-20020184348-\$ or US-20020059467-\$ or US-20010044588-\$ or US-20020143290-\$ or US-20050080566-\$ or US-20050125105-\$ or US-20040199785-\$ or US-20040183666-\$ or US-20060064196-\$ or US-20060270949-\$ or US-20060047187-\$ or US-20050083195-\$).did. or (US-6377179-\$ or US-5552763-\$ or US-4845464-\$ or US-6198390-\$ or US-6121888-\$ or US-6121875-\$ or US-6114967-\$ or US-6069560-\$ or US-6057761-\$ or US-6052053-\$ or US-6043751-\$ or US-6043741-\$ or US-6028515-\$ or US-6011467-\$ or US-5982291-\$ or US-5971597-\$ or US-5963130-\$ or US-5917433-\$ or US-5910771-\$ or US-7301451-\$ or US-6832251-\$ or US-6826607-\$ or US-6735630-\$ or US-5552773-\$ or US-7273454-\$ or US-7278966-\$).did. or (US-7263379-\$ or US-7126464-\$ or US-7107539-\$ or US-6992580- | US-PGPUB; USPAT | OR | ON  | 2009/05/20 17:08 |

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|------|-------|---|------------------------------|----|-----|---------------------|
|      |       | \$ or US-6459365-\$ or US-5578988-\$ or US-7081811-\$ or US-6847892-\$ or US-6157299-\$).did. |                              |    |     |                     |
| S84  | 20    | S83 and image   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/20<br>17:08 |
| S85  | 10964 | (sound vibration) adj2 image  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/20<br>17:27 |
| S86  | 845   | S85 and alarm   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/20<br>17:27 |
| S87  | 503   | S86 and @ad<="20050207"   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/20<br>17:27 |
| S88  | 245   | S87 and (record\$ with image)   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/20<br>17:29 |
| S89  | 1     | S85 and sound adj profile and alarm   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/20<br>17:34 |
| S90  | 39    | sound adj profile and alarm   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/20<br>17:35 |
| S91  | 22    | S90 and record\$  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/20<br>17:36 |
| S92  | 1     | "20070188321".pn.   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/21<br>15:08 |
| S93  | 1     | "7173526".pn.   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/21<br>15:35 |
| S94  | 1876  | alarm same (audio sound noise) with (profile image diagram)                                   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/21<br>15:39 |
| S95  | 981   | S94 and @ad<="20040205"   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/21<br>15:40 |
| S96  | 1     | "20050080566".pn.   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/21<br>15:45 |
| S97  | 5880  | (alarm alert warning) and (sound vibration audio) and (image profile) and "340".cls.          | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/21<br>16:34 |
| S98  | 80    | S97 and (340/539.26 340/524).cls.   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/21<br>16:34 |
| S99  | 22    | S98 and @rlad<="20040205"   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/21<br>16:35 |
| S100 | 1     | "20030096580".pn.   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/21<br>16:41 |
| S101 | 1     | "20040253926".pn.   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/05/22<br>11:33 |
| S102 | 3     | ((("20050080566") or ("20040087839") or ("20040253926"))).PN.                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/05/22<br>13:48 |
| S103 | 1     | ("20040087839").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/10/29<br>15:58 |

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|------|---|---|------------------------------|----|-----|---------------------|
| S104 | 1 | ("20050080566").PN.                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/10/29<br>16:21 |
| S105 | 1 | ("20070188321").PN.                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/10/29<br>17:13 |
| S106 | 1 | S105 and (comprise\$3 with<br>database) | US-PGPUB;<br>USPAT           | OR | ON  | 2009/10/29<br>17:14 |
| S107 | 1 | S105 and (consist\$2 with<br>database)  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/10/29<br>17:15 |

**10/ 30/ 2009 2:46:26 PM**

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